

SECRET
(When Filled In)

MONTHLY PROJECT REPORT

ORIGINATOR(S)

BUDGET EST.

REPORTING PERIOD

OC-AFD

FY

AMOUNT

1-28 February 1963

ACTION

FUTURE

ACTIVE

COMPLETED

CANCELLED

SUSPENDED

PROJECT NUMBER

PRIORITY CLASS

PRIM. RESPONSIBILITY

PROJECT ENGINEER

E-5217

I

AES

PROJECT TITLE

25X1A9a

Rejuvenate

PROJECT REQUIREMENT

Design new receiver site buildings, [REDACTED] 25X1A6b

PROJECT DESCRIPTION

Design and layout of a new "interim" receiver building should accomodate:
 1) A tape relay room for 18 circuits (including eight on-line), 2) Signal center area for 10 KW-26's, 3 Tot's, 2 HW-19A's, 3) Five CW positions, 4) On site maintenance, and 5) Office space for a chief, OPS officer, engineer, security and secretarial force. A second building will be required for adequate "area" warehousing, plus emergency power facilities. Note that maximum single-site purchase is legally limited to 5 acres, which effects antenna planning. Full details are carried in AFD X-62-055, dated 25 June 1962.

APPROVAL DATE

APPROVED BY

July 1962

/HMK/
/FGI/

STARTING DATE

July 1962

COMPLETION DATE

REMARKS

25X1A9a

25X1A6b

1. Upon the decision to postpone active implementation of plans for [REDACTED] (the large [REDACTED] base station) for at least a year until results of a field team survey could provide justification, which decision was in part based on a trip early in the month to [REDACTED] by an OL representative and Chief, OC-E/EMB, it was decided by Chief, OC-AFD to return to earlier plans for a relatively large expansion of the [REDACTED] receiver site. (Previous to this, permission had been given Chief, [REDACTED] and funds transferred to [REDACTED] in the amount of some \$83,000, to take option on the [REDACTED] site and prepare construction plans locally.) Quite unexpectedly, the [REDACTED] site became unavailable to us when the [REDACTED] advised us of plans to use the site and general area for a trade fair; search is now underway for a new location, preferably of some 30 acres, and permissibly without power and water utilities if not available.

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E-5217	AKS	1-28 February 1963

25X1A6b 2. The task of buildings design was accepted and begun by OL/RE&CD when it was learned initiation and completion of plans and letting of contracts up until commencement of construction would require four months at [REDACTED].

25X1A6a 3. Antenna plans for both the new R-site and the existing T-site were completed and send to the field. Receiving antennas include two pair of diversity rhombics ([REDACTED]), one horizontal LP model 747-4/32, and two conical monopoles, 2 to 8 megacycles and 7 to 28 megacycles. Transmitting antennas to be added to the present rhombic and dipoles include a rotary LP and two monopoles as above. (Another horizontal LP model 747-2.5/32 for receiving is suggested for next year.) Pressurized 1-5/8" Heliax cable will be used for transmitting.

4. Requisitions were processed to [REDACTED] for all the above antennas and associated hardware and cable, and for most remaining items in the FY63 program. Included were one 10 KW linear, two 2.5 KW linears, five 1 KW linears, five AT3-50 couplers/antennas, and several exciters and items of test equipment. Requisitions were divided so as to obligate \$116,000 against the MCS cost center for equipment to meet their requirements, and approximately \$80,000 against the regular [REDACTED] FY-63 cost center.

25X1A6b